

Method of manufacturing a transducer having a diaphragm with a predetermined tension

Publication number: JP2002518913T

Publication date: 2002-06-25

Inventor:

Applicant:

Classification:

- **international:** H04R19/04; H04R31/00; H04R19/00; H04R31/00; (IPC1-7): H04R31/00; H04R19/04

- **european:** H04R31/00B

Application number: JP20000554170T 19990610

Priority number(s): DK19980000791 19980611; WO1999DK00315 19990610

Also published as:

WO9965277 (A1)
EP1093703 (A1)
US6622368 (B1)
EP1093703 (A0)
CA2334840 (A1)

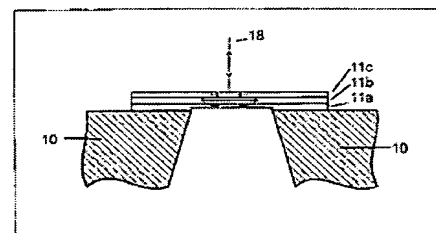
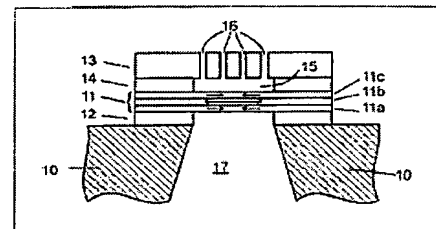
more >>

[Report a data error here](#)

Abstract not available for JP2002518913T

Abstract of corresponding document: US6622368

A method of manufacturing a transducer of the type having a diaphragm (11) with a predetermined tension. After the transducer has been manufactured with its basic structure the diaphragm is adjusted to have a predetermined tension, which is preferably low in order to obtain a high sensitivity. Two embodiments are disclosed. One embodiment includes heating the transducer to a temperature above the glass transition temperature of the material (12, 14) retaining the diaphragm. Another embodiment includes measuring the actual tension of the diaphragm, which can be used to calculate an adjustment of the thickness of the diaphragm resulting in the desired tension.



Data supplied from the esp@cenet database - Worldwide